



# SPECIFICATION

## MODEL SL40

### SwingMast VNA

#### ELECTRIC MULTI-PURPOSE

The Landoll SwingMast electric VNA forklift, with a 90° pivoting and shifting mast maximizes cube utilization while providing front loader versatility. The SwingMast also can handle, store and transport long loads as a side loader for long load handling applications.



#### FEATURES

- 4,000lb (1818kg) capacity
- Lift heights to 360" (9.14M)
- 60" (1.5M) stacking aisle
- 20" (508mm) mast sideshift
- 3" (76mm) fork side reach

#### DRIVETRAIN

- Independently driven front wheels
- Dual front wheel hydraulic disk brakes
- Articulating rear steer axle
- Large diameter poly drive and poly steer tires
- Heavy duty planetary transmissions

#### ELECTRICAL

- 48 volt electrical system
- Separately excited dual traction motor controllers
- Mosfet hydraulic pump motor controller
- Battery discharge indicator with lift interrupt
- Provisions for RF terminals
- Large battery compartment

#### ERGONOMICS & SAFETY ENGINEERING

- Hydraulic power steering
- Comfortable seated operation with all truck controls within easy reach
- Safety dead man seat switch
- Clear view triple or quad mast
- 4 post, heavy-duty overhead guard

- Forward and rearward mast tilt
- Heavy duty chassis design
- Front pivot via 2 taper roller bearings, with 3 year warranty on pivot/shift
- Accepts class II attachments
- Easily accessible components for low cost maintenance
- Freezer option available
- Wire guidance option



#### Sole Agent

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# SwingMast SL40

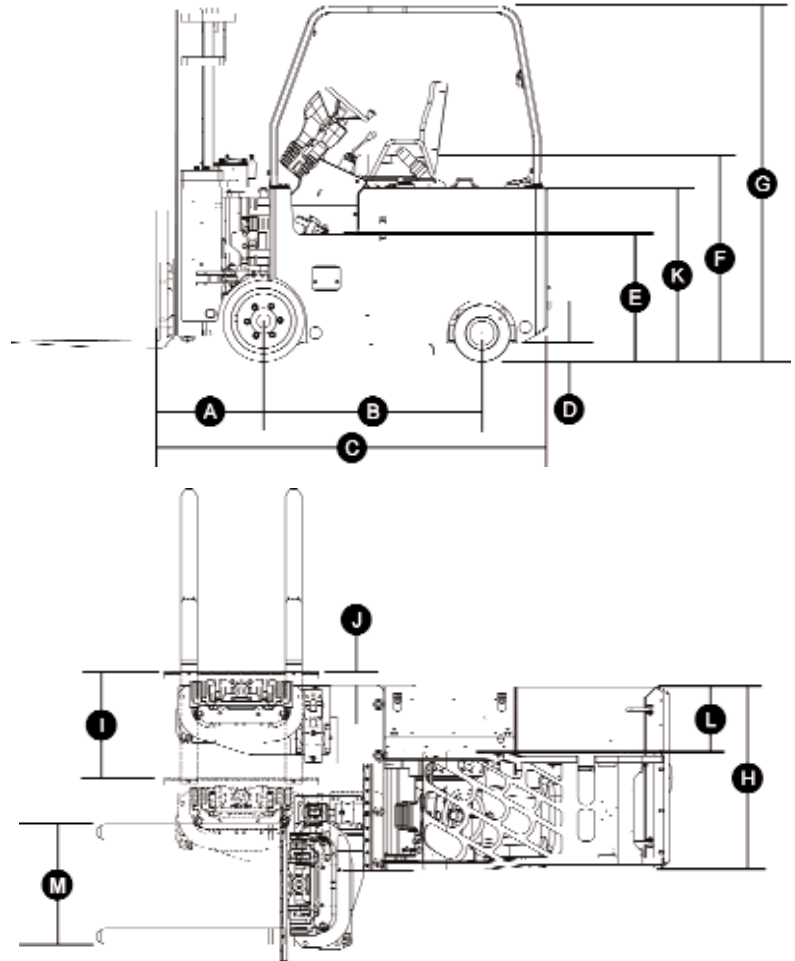
## 4,000 lbs. (1,818kg)

ELECTRIC MULTI-PURPOSE VNA AND SIDELOADING SWINGMAST FORKLIFT TRUCK

### TECHNICAL & DIMENSION DATA



Model			SL40
Capacity		lbs/kg	4,000/1,818
Load center		in/mm	24/600
Power source			Battery, electric
Weight with battery		lbs/kg	13,800/6,272
Travel speed	Loaded	mph/kph	6/9.7
	Unloaded	mph/kph	6.5/10.5
Lift speed	Loaded	fpm/Mm	50/15
	Unloaded	fpm/Mm	70/21.5
Lower speed	Loaded	fpm/Mm	90/27.5
	Unloaded	fpm/Mm	60/18.5
Mast tilt	Forward/Backward	deg.	3/4
Lost load center	a w/triple mast	in/mm	25/635
Wheelbase	b	in/mm	53.5/1,359
Overall length to face of forks	c w/triple mast	in/mm	95/2,413
Underclearance	d	in/mm	4.5/114
Cab floor height	e	in/mm	31/787
Seat height	f	in/mm	52/1,321
Overhead guard height	g	in/mm	87/2,210
Chassis width	h	in/mm	44.5/1,130
Mast shift	i	in/mm	20/508
Side reach	j	in/mm	3/76
Side deck height	k	in/mm	42.5/1,080
Side deck width	l	in/mm	15.5/394
Fork carriage width	m	in/mm	37/940
Fork length		in/mm	40/1016
Gradeability	Loaded	%	15
Lift motor rating		kW	9
Steer motor rating		kW	1.5
Drive motor rating	2 each	kW	5.5 x 2
Wheel sizes	Front (2 each)	in/mm	20x9/508x229
	Rear (2 each)	in/mm	14x5/356x127
Battery recommended	electric 48 volt	kWh	35-39
Minimum battery weight		lbs/kg	3,250/1,477
Control type	Traction, dual		Separately Excited
	Hydraulic		Mosfet



#### AISLE DIMENSIONS

LOAD DEPTH X WIDTH	MINIMUM CLEAR AISLE
40" x 48" (1,000 x 1,200mm)	56" (1,422mm)
48" x 40" (1,200 x 1,000mm)	60" (1,524mm)
MIN. CLEAR TRANSFER AISLE	144" (3,658mm)

#### MAST DIMENSIONS 3-STAGE FULL FREE LIFT

LIFT HEIGHT		CLOSED HEIGHT		FREE LFT		EXTENDED HEIGHT	
Inches	Meters	Inches	Meters	Inches	Meters	Inches	Meters
188	4.78	85	2.16	61	1.55	224	5.69
198	5.03	89	2.26	65	1.65	234	5.94
216	5.49	97	2.46	73	1.85	252	6.40
224	5.69	100	2.54	76	1.93	260	6.60
240	6.10	108	2.74	84	2.13	276	7.01
258	6.55	117	2.97	93	2.36	294	7.47
276	7.01	124	3.15	100	2.54	312	7.92
294	7.47	130	3.30	106	2.69	330	8.38
312	7.92	134	3.40	110	2.79	348	8.84
322	8.18	139	3.53	115	2.92	358	9.09
360	9.14	158	4.01	134	3.40	396	10.06

#### MAST DIMENSIONS 4-STAGE FULL FREE LIFT

250	6.35	89	2.26	65	1.65	286	7.26
276	7.01	97	2.46	73	1.85	312	7.92
294	7.47	103	2.62	79	2.01	330	8.38
312	7.92	109	2.77	85	2.16	348	8.84

#### RECOMMENDED BATTERY

<b>Battery Designation:</b> 24-100-21, 48 volt, 1000 AHC (6 hour rate)
Battery weight min. 3,250 lbs (1477 kg) - Max. 3,900 lbs (1773 kg)
Leads are at position A, 36" long, with SB 350 amp blue connector
Nominal size: 33" x 38 9/16" x 25 5/8" (84 x 98 x 65 cm)
Standard compartment size: 33 1/2" x 38 5/8" x 25 3/4" (85 x 98 x 65 cm)

